

Microstructural Characterization of Creep Resistant Magnesium Alloys

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The microstructures of as-cast and creep tested commercial magnesium alloys such as AM60B, AZ91D, AS41, and AE42 will be compared. Their relative creep behavior will be discussed on the basis of their microstructure. Metallography, scanning electron microscopy, and transmission electron microscopy results will be presented.

Research at the Oak Ridge National Laboratory SHaRE User Facility was sponsored by the Office of Science, Division of Materials Sciences and Engineering, and the Assistant Secretary for Energy Efficiency and Renewable Energy, Office of Transportation Technology, Lightweight Vehicle Materials Program, U.S. Department of Energy, under contract DE-AC05-00OR22725 with UT-Battelle, LLC.